

Preloaded trapezoidal lead screw nut



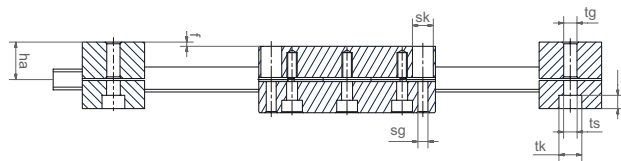
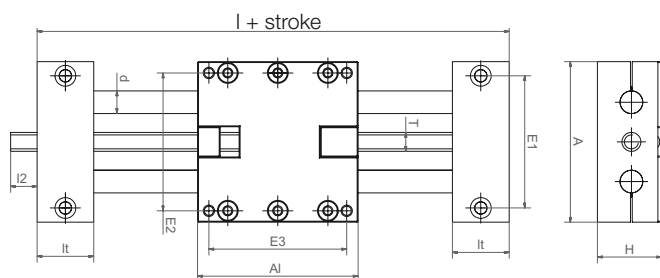
Order key

complete ► Page 1192

SHT-12-AWM-PL



- Preloaded trapezoidal lead screw nuts, preload force: 50 N
- Manually and continuously adjustable radial clearance
- Low weight due to aluminium and plastic
- Lead screw end unmachined
- Temperature resistant up to +60 °C
- Available accessories ► Page 1303
- Lead screw nuts are available separately ► Page 1148
- Available with motor ► Page 1261



Technical data

Part No.	Max. stroke length [mm]	Aluminium shaft		Steel shaft		Max. static load capacity	
		Weight [kg]	Additional (per 100 mm) [kg]	Weight [kg]	Additional (per 100 mm) [kg]	axial [N]	radial [N]
SHT-12-AWM-PL	750	1.1	0.1	1.3	0.2	700	2,800
SHT-20-AWM-PL	1,000	3.2	0.3	3.9	0.6	1,600	6,400
SHT-30-AWM-PL	1,250	8.6	0.6	10.9	1.4	2,500	10,000

Dimensions [mm]

Part No.	A	Al	H	E1	E2	E3	I	R	f	lt	tk	ts
	-0.3	-0.3		±0.15	±0.15	±0.15						
SHT-12-AWM-PL	85	85	34	70	73	73	145	42	2	30	11	6.6
SHT-20-AWM-PL	130	130	48	108	115	115	202	72	2	36	15	9.0
SHT-30-AWM-PL	180	180	68	150	158	158	280	96	4	50	20	13.5

Part No.	tg	kt	sk	sg	d	T	l2	d2	ha
		±0.1						Standard	
SHT-12-AWM-PL	M8	6.4	10	M6	12	Tr10x2	17	Tr10x2 ⁹²⁾	18
SHT-20-AWM-PL	M10	8.6	11	M8	20	Tr18x4	26	12h9	23
SHT-30-AWM-PL	M16	12.6	18	M12	30	Tr24x5	38	14h9	36

⁹²⁾ Lead screw end unmachined